

CERTIFICATE

Issued to:
Applicant:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Straße 61/1
73614 Schorndorf, Germany

Licensee:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Straße 61/1
73614 Schorndorf, Germany

Product : LED power supply
Trade name(s) : VS LIGHTING SOLUTIONS
Type(s)/model(s) : ECXd 250.699, ECXd 700.700, ECXe 200.696, ECXe 250.694, ECXe 350.698, ECXe 600.697 and ECXe 700.695

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6061104

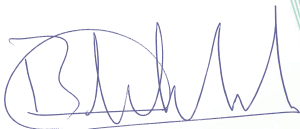
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 4 August 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-144886

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED power supply
Trade name(s)	: VS LIGHTING SOLUTIONS
Type(s)/model(s)	: ECXd 250.699, ECXd 700.700, ECXe 200.696, ECXe 250.694, ECXe 350.698, ECXe 600.697 and ECXe 700.695
Rated voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Class	: Class II
Degree of protection	: IP20
Ambient temperature (ta)	: -20 - 45 °C
Additional information	: SELV, independent, constant current output, non-inherently short circuit proof.

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

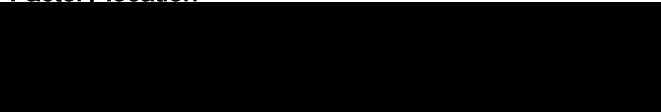
The test results are documented in DEKRA test file 491902000.

Additional information

The list of components is laid down in test report 4919020.50,4919020.51.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Trade name : VS LIGHTING SOLUTIONS stands for



Detailed Model List:

Item	Model	Input				Output				ta (°C)	tc (°C)
		U _N	I _N Max	f _N	PF	I _{rated}	U _{out}	U _{max}	P _{rated} Max		
		(V~)	(A)	(Hz)		(mA)	(Vdc)	(Vdc)	(W)		
Series 1	ECXe 350.698	220- 240	0,1	50/60	0,85C-0,99	350	8-20	35	7	-20- 45	85
	ECXe 600.697	220- 240	0,1	50/60	0,85C-0,99	600	6-13	25	7,8		
	ECXe 700.695	220- 240	0,1	50/60	0,9C-0,99	700	6-13	25	9,1		
	ECXe 200.696	220- 240	0,1	50/60	0,9C-0,99	200	30-42	50	8,4		
	ECXe 250.694	220- 240	0,1	50/60	0,9C-0,99	250	30-42	50	10,5		
Series 2	ECXd 250.699	220- 240	0,1	50/60	0,8C-0,99	100	30-42	60	10,5	-20- 45	75
						150					
						200					
						250					
	ECXd 700.700	220- 240	0,1	50/60	0,7C-0,99	350	6-13	30	9,1		
						500					
						600					
						700					

Remark:

1. All series 1 models have same circuit diagram and PCB layout except output parameter and the components used in circuit.
2. Both series 2 models have same circuit diagram and PCB layout except output parameter and the components used in circuit. Series 2 models have dimming function via DIP switch or DALI.